Atty. Docket No. 3364.P161

IN THE CLAIMS

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-speed pattern storing method, which is to tabulate and store pattern data constituting rules, the method comprising:

(a) dividing a whole sentence of the pattern data into a plurality of divided parts having a defined length; and

generating a table for each divided part,

wherein said generating the table comprises:

assigning

(b) extracting position sequence information of a corresponding which is the subsequent position information of each divided part in the whole sentence to a first field;

of the pattern data; and

(c) assigning a characteristic packet ID of the corresponding divided part to a second field; and

assigning the characteristic packet ID of a divided part located prior to the corresponding divided part to a third field when the corresponding divided part is not an initial divided part among the plurality of divided parts.

which has the position information of the next divided part in the whole sentence of the pattern data to each divided part of the pattern data, and tabulating and storing a plurality of divided parts and the position sequence information in a table; and

(d) using the pattern data stored in the table as a look-up device for a specific pattern in a database.

2. (Cancelled)

3. (Currently Amended) The high-speed pattern storing method as claimed in claim 1, wherein the pattern data includes space information which represents that other words or characters can be are interposed between the two words using the meta characters.

4-11 (Cancelled)

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